

MANAGED OBJECT REPLICATION AND DELIVERY

ABSTRACT OF THE DISCLOSURE

A method, system and computer program product for managed object replication and delivery redirects, directly or indirectly, a client's request for an object that is not available at a best or optimal handling edge server of a network to a parent server that has the requested object. So, where the requested object is not available at the handling edge server, the client's request is redirected directly to the parent server that can provide the requested object to the client or indirectly via one or more parent servers to a parent server that can provide the requested object to the client. The method, system and computer program product further intelligently replicates the object to the edge server if the object is popular enough. Likewise, an object is removed from an edge server when it is no longer popular. All redirection and replication operations are preferably transparent to the end-user and do not degrade the quality of service.